MySQL Week 11 Exercises

Instructions

Points possible: 100

URL to GitHub Repository: https://github.com/ssteve1/Week-9_MySQL.git

URL to Public Link of your Video : https://youtu.be/4Nv_XCQpha8

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Instructions :

1. Follow the **Exercises** below to complete this assignment.

- In Eclipse, or an IDE of your choice, write the code that accomplishes the objectives listed below. Ensure that the code compiles and runs as directed.

- Create a new repository on GitHub for this week's assignment and push your completed code to this dedicated repo, including your entire Maven Project Directory (e.g., mysql-java) and any .sql files that you create. In addition, screenshot your ERD and push the screenshot to your GitHub repo.

- Include the screenshots into this Assignment Document indicated by: 📷

- Create a video showcasing your work:

    - In this video: record and present your project verbally while showing the results of the working project.

    - Easy way to Create a video: Start a meeting in Zoom, share your screen, open Eclipse with the code and your Console window, start recording & record yourself describing and running the program showing the results.

    - Your video should be a maximum of 5 minutes.

    - Upload your video with a public link.

    - Easy way to Create a Public Video Link: Upload your video recording to YouTube with a public link.

2. In addition, please include the following in your Coding Assignment Document:

- The requested screenshots, indicated by: 📷

- The URL for this week's GitHub repository.

- The URL of the public link of your video.

3. Save the Coding Assignment Document as a .pdf and do the following:

- Push the .pdf to the GitHub repo for this week.

- Upload the .pdf to the LMS in your Coding Assignment Submission.

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Console ✕                                                                    ■ ✕ ※ | ▣ ▤ ▨ ▣ ▣ | ▟ ▣ ▾ ▣ ▾ ▭ ▣
ProjectsApp [Java Application] C:\Program Files\Java\jdk-17.0.2\bin\javaw.exe (Nov 19, 2022, 5:03:44 PM) [pid: 30428]
Connection to schema 'projects' is successful.

Projects:
   2: Hang a door
   1: Living room renovation
Enter a project ID to select a project: 1
Connection to schema 'projects' is successful.

These are the available selections.Press the enter key to quit.
  1) Add a project.
  2) List projects.
  3) Select a project.
  4) Update project details.
  5) Delete a project.

You are working with this project:
   ID=1
   name=Living room renovation
   estimatedHours=5.00
   actualHours=4.50
   difficulty=3
   notes=Buy tools at home depot
   Materials:
      ID=1, materialName=Hand tools kit, numRequired=1, cost=null
      ID=2, materialName=8-foot ladder, numRequired=1, cost=null
   Steps:
      ID=1, stepText=Remove item from the garage to the driveway
   Categories:
      ID=1, categoryName=Repairs
Enter a menu selection: 4
Enter the project name [Living room renovation]: Garage renovation
Enter the estimated hours [5.00]: 25
Enter the actual hours [4.50]: 22.5
Enter the project difficulty (1-5) [3]: 4
Enter the project notes [Buy tools at home depot]: Need a helper
Connection to schema 'projects' is successful.
Connection to schema 'projects' is successful.
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Console ×
<terminated> ProjectsApp [Java Application] C:\Program Files\Java\jdk-17.0.2\bin\javaw.exe  (Nov 19, 2022, 1:22:26 PM – 1:22:48 PM) [pid: 16044]

These are the available selections.Press the enter key to quit.
  1) Add a project.
  2) List projects.
  3) Select a project.
  4) Update project details.
  5) Delete a project.

You are not working with a project.
Enter a menu selection: 5
Connection to schema 'projects' is successful.

Projects:
   2: Garage renovation
   1: Install computer table
   3: Installation of new living room carpet
Enter the ID project to delete: 55
Connection to schema 'projects' is successful.

Error: projects.exception.DbException: Project with ID= 55 does not exist. Try again.

These are the available selections.Press the enter key to quit.
  1) Add a project.
  2) List projects.
  3) Select a project.
  4) Update project details.
  5) Delete a project.

You are not working with a project.
Enter a menu selection:
Exiting the menu.
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Console ×
<terminated> ProjectsApp [Java Application] C:\Program Files\Java\jdk-17.0.2\bin\javaw.exe  (Nov 17, 2022, 11:58:01 AM – 11:58:41 AM) [pid: 23100]

These are the available selections.Press the enter key to quit.
  1) Add a project.
  2) List projects.
  3) Select a project.
  4) Update project details.
  5) Delete a project.

You are not working with a project.
Enter a menu selection: 5
Connection to schema 'projects' is successful.

Projects:
   1: Hang a closet door
   2: Installation of new AC
Enter the ID project to delete: 2
Connection to schema 'projects' is successful.
Project 2 was deleted successfully.

These are the available selections.Press the enter key to quit.
  1) Add a project.
  2) List projects.
  3) Select a project.
  4) Update project details.
  5) Delete a project.

You are not working with a project.
Enter a menu selection: 2
Connection to schema 'projects' is successful.

Projects:
   1: Hang a closet door
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